



# GLOBE Ties to Satellite Missions

## AIM

- Aerosols
- Clouds
- Column Water Vapor
- Carbon Dioxide (to be developed)

## AVHRR

(Instrument on various NASA/NOAA satellites)

- Phenology
- Surface Temperature
- Soil Characterization
- Snow
- Clouds

## CALIPSO

- Aerosols

## CERES

- Clouds

## CloudSat

- Clouds

## ENVISAT

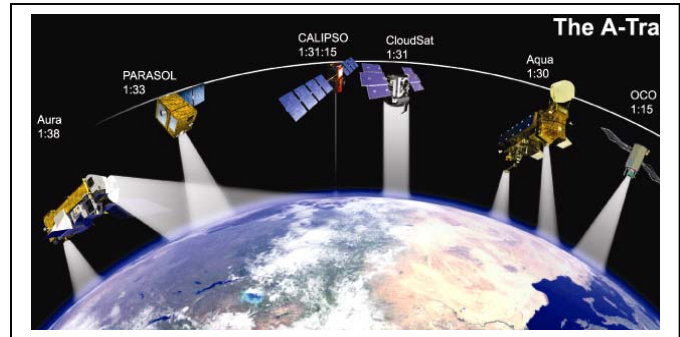
- Aerosols

## EOS-Aura

- Ozone
- UVA (to be developed)

## EOS- Terra and Aqua

- Land Cover
- Surface Temperature
- Soil Characterization
- Snow
- Clouds



A group of satellites known as the *Afternoon Constellation*, or the *A-Train*. By flying in close proximity, satellites in the A-Train combine to provide detailed observations of the Earth system. GLOBE measurements will contribute to the validation of these missions.

## GOES

- Aerosols
- Clouds
- Surface Temperature

## Landsat

- Clouds
- Snow
- Land Cover
- Soil Characterization
- Surface Temperature

## OCO

- Carbon Dioxide (to be developed)

## SPOT

- Land Cover
- Soil Characterization

## TOMS

(Instrument on various NASA satellites)

- Surface Ozone